

Samuel Grasse-Haroldsen

Eugene, Oregon (willing to relocate) | 208-243-7886 | sgrasseharoldsen@gmail.com
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SOFTWARE ENGINEER

Experienced in Ruby, JavaScript, Python, and C++ based programming with a background in quality assurance. Possess strong skills in debugging and collaborating with others. Proven track record of quickly learning and adapting in dynamic, fast-paced environments. Helped teammates debug issues and better understand the development process. Flexible with learning new skills and working with people internationally.

TECHNICAL SKILLS

Languages - Ruby, SQL, JavaScript, Python, C++, HTML, CSS, TypeScript

Frameworks - Rails, Sinatra, React, Redux

Tools - Git, GitHub, Linux, Node.js

TECHNICAL PROJECTS

flipr - github.com/SamG-H/flipr | github.com/SamG-H/flipr_backend

An SPA allowing users to create and flip through stacks of flashcards - (Vanilla JS front-end with a Rails API)

- Replaced ActiveRecord::Serializer with fast_jsonapi resulting in huge performance boost
- Implemented single fetch calls for individual stacks so app can easily scale

Flipr Quiz - github.com/SamG-H/flipr_quiz

A React app that accesses the flipr backend and generates quizzes based on the stacks of flashcards

- Used Redux coupled with Thunk to manage state and make fetch calls
- Utilized core React features such as lifecycle methods, controlled forms, components, and props

Forge & Fix - github.com/SamG-H/forge-and-fix

A Rails web app for people to share ideas and work on projects together.

- Utilized Bulma framework to make a simple clean UI
- Took advantage of a custom SQL query to boost performance when ordering projects by issue count
- Employed OmniAuth to add third-party GitHub authentication

fruit-info - github.com/SamG-H/fruit-cli-gem | rubygems.org/gems/fruit-info

A Ruby command line app that retrieves information from the fruityvice API and allows the user to interact with the data

- Used HTTParty Ruby gem to easily retrieve data from API
- Took advantage of mass assignment within Ruby cutting down on code length
- Published on rubygems.org where gem has over 500 downloads

EXPERIENCE

Melaleuca

Assistant QA Tech

Rexburg, Idaho

12/2018 - 05/2020

- Inspected incoming job components/ingredients, finished goods, and lab tested dietary supplements/cleaning products.
- Drove change in training process resulting in improved manufacturing practices.
- Set new records in number of inspections completed driving higher standards/benchmarks

Faith-Based Organization

Advocate

Budapest, Hungary

09/2014 - 12/2016

- Taught English, helped people change addictive behaviours, and learned Hungarian.

EDUCATION

Flatiron School

Full Stack Web Development, Ruby on Rails and JavaScript program

Online

06/2020 - 11/2020

Brigham Young University-Idaho

Completed 52 credits towards Bachelor of Science in Software Engineering

Rexburg, Idaho

01/2017 - 12/2018